

CLAIMS

What is claimed is:

- 1 1. A remote controlled toy set, comprising:
2 a remote controlled vehicle that has a launch
3 mechanism;
4 a powered projectile that is coupled to said launch
5 mechanism of said remote controlled vehicle; and,
6 a remote controlled transmitter that is wirelessly
7 coupled to said remote controlled vehicle.
- 1 2. The toy set of claim 1, wherein said powered
2 projectile is remote controlled by said remote controlled
3 transmitter.
- 1 3. The toy set of claim 1, wherein said launch
2 mechanism includes a catapult.
- 1 4. The toy set of claim 1, wherein said remote
2 controlled transmitter controls said remote controlled
3 vehicle before said powered projectile is launched by said
4 launch mechanism and controls said powered projectile after
5 said powered projectile is launched by said launch
6 mechanism.

1 5. The toy set of claim 1, wherein said remote
2 controlled vehicle and said powered projectile each have
3 contacts for sensing separation between said powered
4 projectile and said remote controlled vehicle.

1 6. The toy set of claim 1, wherein said remote
2 controlled vehicle includes a motor and a power source.

1 7. The toy set of claim 1, wherein said powered
2 projectile includes a motor and a power source.

1 8. The toy set of claim 2, wherein said powered
2 projectile is configured as a toy airplane that contains a
3 power source and a motor controlled through said remote
4 controlled transmitter.

1 9. The toy set of claim 1, wherein said remote
2 controlled vehicle and said powered projectile each include
3 a receiver that receives control signals at different
4 frequencies.

1 10. The toy set of claim 2, wherein said remote
2 controlled transmitter provides a launch signal that
3 launches said powered projectile.

1 11. A remote controlled toy set, comprising:
2 a remote controlled vehicle;
3 a remote controlled projectile; and
4 a remote controlled transmitter that is wirelessly
5 coupled to said remote controlled vehicle and said remote
6 controlled projectile.

1 12. The toy set of claim 11, wherein said remote
2 controlled vehicle includes launch means for launching said
3 remote controlled projectile from said remote controlled
4 vehicle.

1 13. The toy set of claim 12, wherein said remote
2 controlled transmitter controls said remote controlled
3 vehicle before said powered projectile is launched by said
4 launch means and controls said powered projectile after
5 said powered projectile is launched by said launch means.

1 14. The toy set of claim 11, wherein said remote
2 controlled vehicle and said powered projectile each have
3 contacts for sensing separation between said powered
4 projectile and said remote controlled vehicle.

1 15. The toy set of claim 11, wherein said remote
2 controlled vehicle includes a motor and a power source.

1 16. The toy set of claim 11, wherein said powered
2 projectile includes a motor and a power source.

1 17. The toy set of claim 12, wherein said powered
2 projectile is configured as an airplane that contains a
3 power source and a motor controlled through said remote
4 controlled transmitter.

1 18. The toy set of claim 11, wherein said remote
2 controlled vehicle and said powered projectile each include
3 a receiver that receives controls at different frequencies.

1 19. The toy set of claim 18, wherein said remote
2 controlled transmitter provides a launch signal that
3 launches said powered projectile.

1 20. A method for operating a remote controlled toy
2 set, comprising:

3 remotely moving a remote controlled vehicle that
4 carries a powered projectile; and,

5 launching the powered projectile from the remote
6 controlled vehicle.

1 21. The method of claim 20, wherein the powered
2 projectile is remotely controlled.

1 22. The method of claim 21, wherein the remote
2 controlled vehicle is controlled through a remote
3 controlled transmitter before launching and the powered
4 projectile is controlled through the remote controlled
5 transmitter after launching.

1 23. A method for operating a remote controlled toy
2 set, comprising:
3 remotely moving a vehicle carrying a projectile;
4 separating the projectile from the vehicle; and
5 remotely moving the projectile.

1 24. A remote controlled toy set, comprising:
2 a remote controlled vehicle that has a launch
3 mechanism;
4 a toy airplane that is coupled to said launch mechanism
5 of said remote controlled vehicle; and,

6 a remote controlled transmitter that is wirelessly
7 coupled to said remote controlled vehicle.

1 25. The toy set of claim 24, wherein said launch
2 mechanism includes a catapult.

1 26. The toy set of claim 24, wherein said remote
2 controlled vehicle includes a motor and a power source.

1 27. The toy set of claim 24, wherein said remote
2 controlled transmitter provides a launch signal that
3 launches said toy airplane.

1 28. A method for operating a remote controlled toy
2 set, comprising:

3 remotely moving a remote controlled vehicle that
4 carries a toy airplane; and,

5 launching the toy airplane from the remote controlled
6 vehicle.